

EasyTrak

A PIC Based Rotor/Radio Controller Interface

Steven Bible, N7HPR

Tucson Amateur Packet Radio, Inc.

ARRL and TAPR
Digital Communications Conference

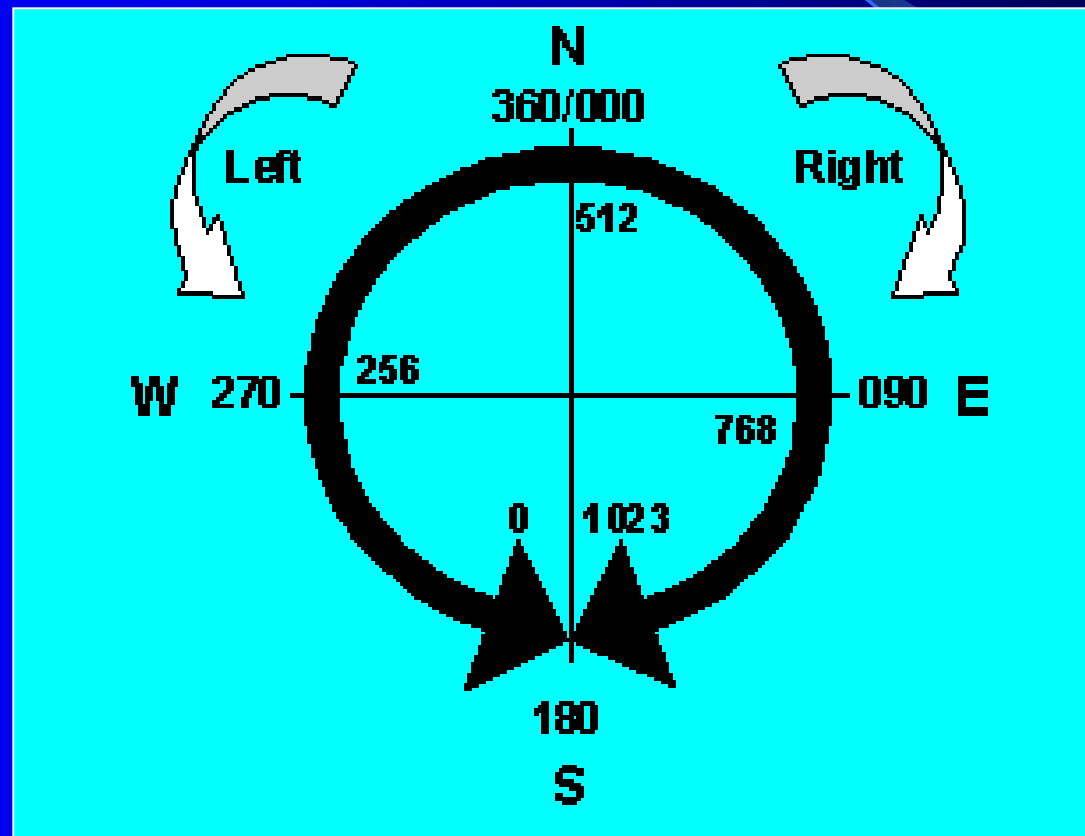


American
Radio
Relay
League

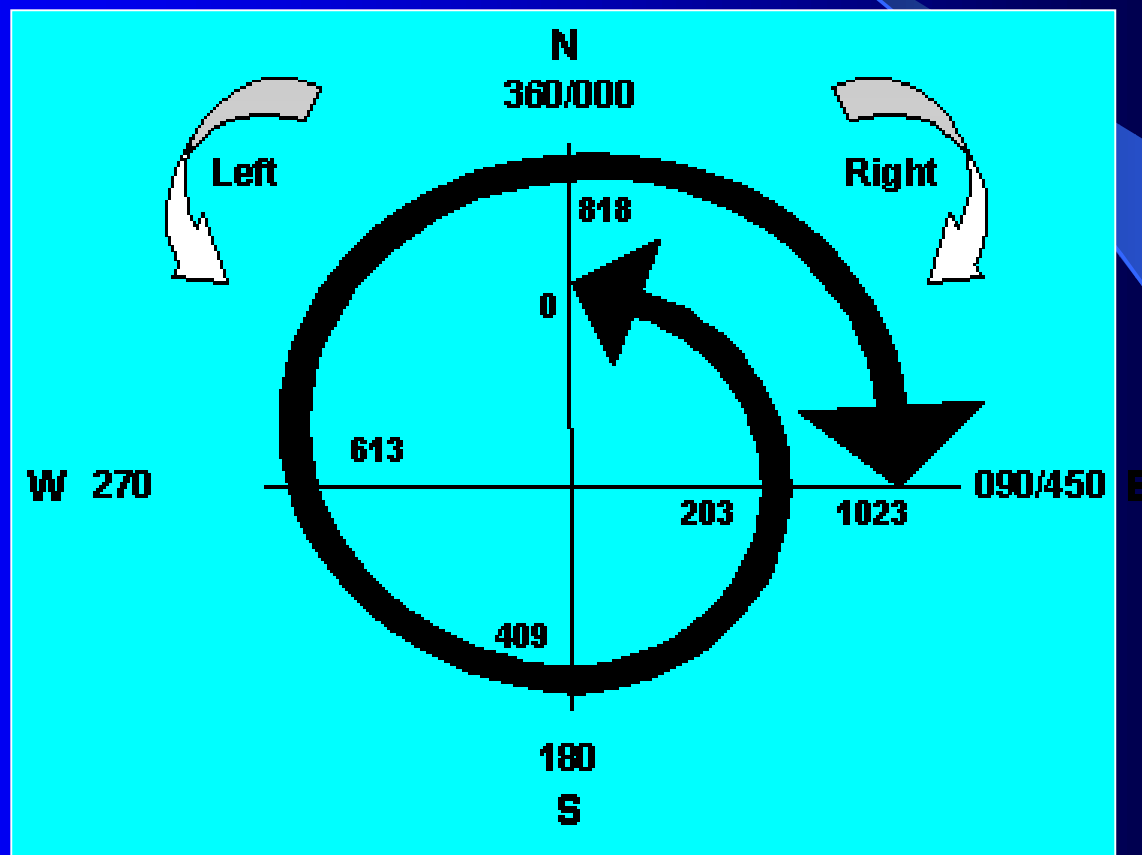


Tucson
Amateur
Packet
Radio

South Mechanical Stop



North Physical Stop Yaesu G5500

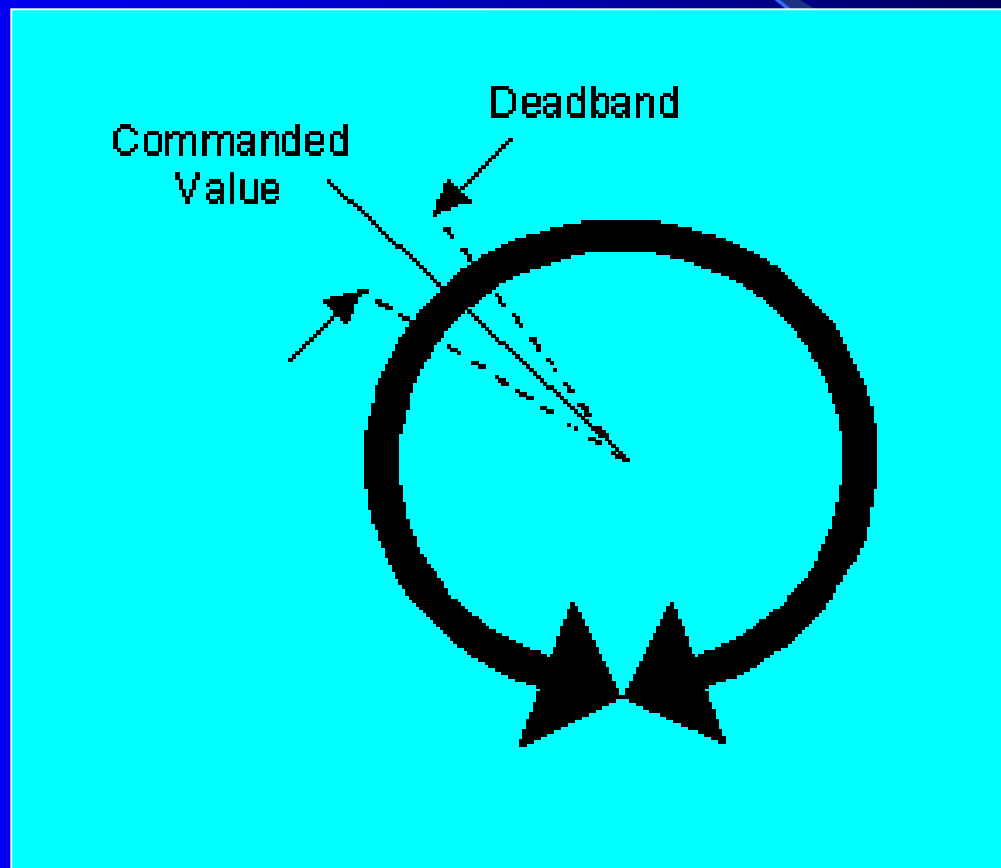


10-bit ADC

$$\frac{5\text{volts}}{1023\text{units}} = 4.9\text{ millivolts per unit}$$

$$\frac{5\text{volts}}{360\text{ deg}} = 13.8\text{ millivolts per deg}$$

Deadband



KE6JAB EasyTrak

